

**To:** LEE, LILY[LEE.LILY@EPA.GOV]; Franklin, William D CIV NAVFAC HQ, BRAC PMO[william.d.franklin@navy.mil]; Bacey, Juanita@DTSC[Juanita.Bacey@dtsc.ca.gov]; tlow@waterboards.ca.gov[tlow@waterboards.ca.gov]; Brownell, Amy (DPH)[Amy.Brownell@sfdph.org]; gordon hart (gordonhart@paulhastings.com)[gordonhart@paulhastings.com]; Colin Barreno (colinbarreno@paulhastings.com)[colinbarreno@paulhastings.com]; Elaine.Warren@sfgov.org[Elaine.Warren@sfgov.org]; Macchiarella, Thomas L JR CIV NAVFAC HQ, BRAC PMO[thomas.macchiarella@navy.mil]; 'Drew, Tamsen (ADM)'[tamsen.drew@sfgov.org]; Edwards, Zachary L CIV SEA 04 04N[zachary.edwards@navy.mil]  
**Cc:** Chesnutt, John[Chesnutt.John@epa.gov]; Tennis, Rachel[Tennis.Rachel@epa.gov]; Berg, Elizabeth[Berg.Elizabeth@epa.gov]  
**From:** Robinson, Derek J CIV NAVFAC HQ, BRAC PMO  
**Sent:** Thur 3/17/2016 9:44:44 PM  
**Subject:** RE: 4/21 Hunters Pt EJ Meeting: Dan Hirsch present + request Navy present re NBC news article  
[smime.p7s](#)

Hi Lily,

I will follow up with Mr. Angel regarding questions and the presentation request. In the future, please tell Mr. Angel that any requests should be made directly to the Navy.

Derek

-----Original Message-----

From: LEE, LILY [mailto:LEE.LILY@EPA.GOV]  
Sent: Thursday, March 17, 2016 9:43 AM  
To: Robinson, Derek J CIV NAVFAC HQ, BRAC PMO; Franklin, William D CIV NAVFAC HQ, BRAC PMO; Bacey, Juanita@DTSC; tlow@waterboards.ca.gov; Brownell, Amy (DPH); gordon hart (gordonhart@paulhastings.com); Colin Barreno (colinbarreno@paulhastings.com); Elaine.Warren@sfgov.org; Macchiarella, Thomas L JR CIV NAVFAC HQ, BRAC PMO; 'Drew, Tamsen (ADM)'; Edwards, Zachary L CIV SEA 04 04N  
Cc: Chesnutt, John; Tennis, Rachel; Berg, Elizabeth  
Subject: [Non-DoD Source] 4/21 Hunters Pt EJ Meeting: Dan Hirsch present + request Navy present re NBC news article

Below are some updates and background public documents related to radiation at Hunters Point Naval Shipyard.

Bradley Angel, Executive Director of Greenaction, announced at the 3/16/16 Bayview Hunters Point EJ Task Force meeting that he would like the Thursday, April 21, 2016, monthly meeting to include these items on the agenda:

- Presentation from Dan Hirsch and others from UC Santa Cruz about radiation and the Hunters Point Naval Shipyard
- Navy presentation about the recent NBC news report about radiation at the Shipyard

This meeting will be 6-8 pm at 1800 Oakdale Ave., San Francisco, CA, at the Southeast Community College.

Here's a link to the article: <http://www.nbcbayarea.com/investigations/Former-Hunters-Point-Worker-Claims-Supervisors-Ordered-Him-to-Hide-Radiation-371723561.html>  
<<http://www.nbcbayarea.com/investigations/Former-Hunters-Point-Worker-Claims-Supervisors-Ordered-Him-to-Hide-Radiation-371723561.html>>

As background, Bradley Angel (Greenaction and the EJ Task Force) had requested technical assistance from the UC Santa Cruz Nuclear Policy Program and asked me in January for a link to Shipyard technical documents for them to review. He later asked both the Navy and EPA to schedule a technical meeting with Greenaction and its advisors. Topics include the questions from Dan Hirsch below about the attached "Source Pages" file. In the mean time, Derek sent Bradley and Dan the attached 2006 Basewide Rad Removal Action Memo. I have excerpted the release criteria table in a separate attachment for your convenience.

In addition, I have attached excerpts from the 2014 Tetra Tech report on its internal investigation of anomalous soil samples.

Finally, as you know, the U.S. Nuclear Regulatory Commission (NRC) and California Department of Public Health (CDPH) oversee the licensing of radiation cleanup service providers, such as Tetra Tech EC, Inc. In case you had already heard this yet, as referenced in the NBC news article, the NRC, after concluding its investigation of Tetra Tech at HPNS, recently issued a notice of apparent violation and is considering escalated enforcement action. Attached is the NRC letter to Tetra Tech (filename Tetra Tech Choice ML etc.). For more information related to Tetra Tech's NRC license, contact Diane Screnci at NRC at 610-337-5330.

-----Original Message-----

From: Daniel O Hirsch [mailto:[dohirsch@ucsc.edu](mailto:dohirsch@ucsc.edu)]

Sent: Wednesday, February 10, 2016 3:14 PM

To: LEE, LILY <[LEE.LILY@EPA.GOV](mailto:LEE.LILY@EPA.GOV)>

Cc: [bradley@greenaction.org](mailto:bradley@greenaction.org); Marie Harrison <[marieH@greenaction.org](mailto:marieH@greenaction.org)>

Subject: Re: setting up meeting or conference call with epa, navy, dtsc about shipyard environmental studies

Lily,

Among the technical issues about which we have questions and for which it would be helpful to have your technical people available who can answer questions in those areas are:

1. How the remediation goals for radionuclides were derived.

2. How the risk estimates for specific estimated radiation doses were derived, and how those doses themselves were derived.

3. The standards that have been and are being used to declare materials to be or not be low-level radioactive waste and where these materials have been and are being sent for disposal or recycling.

4. Questions about pre- and post-remediation risk assessments for both chemicals and radionuclides.

5. Numerous questions about status of characterization, environmental impact review, and remediation for different portions of HPBV.

6. Availability of various key documents.

We have some general questions about the above subject areas, but also detailed specific technical questions